

AMENDMENTS

In the Claims:

Please amend claims 20, 24 and 28 as follows:

1. (Previously Presented) An audio system operable to change an acoustic effect using a digital signal processor, comprising:

image display for displaying image data beforehand set respectively to a plurality of types of parameters input to the digital signal processor to determine acoustic characteristics and values of the parameters, corresponding to values of the parameters; and

operator display for displaying, for each of the parameter types, a parameter operator to indicate a value of a parameter reflecting a distance characteristic parameter to determine an acoustic characteristic obtained by a distance between a listener and a sound source, the operator display comprising a parameter area, which displays a name of the parameter as one or more characters, and a parameter operator area, through which a value of the parameter is set,

wherein the parameter is capable of being designated through the operator display, and

wherein the image display variably displays image data depending on the value of the parameter reflecting the distance characteristic parameter designated through the operator display.

2. (Original) An audio system according to claim 1, wherein the image display reads out image data corresponding to the value of the parameter indicated by the parameter operator and displays an image according to the image data.

3. (Previously Presented) An audio system according to claim 1, wherein:

the parameter operator further indicates a value of a room characteristic parameter to determine an acoustic characteristic obtained by a size of a listening room; and

the image display further displays image data in which the size of the room is imaged corresponding to the value indicated for the room characteristic parameter.

4. (Cancelled)

5. (Previously Presented) An audio system according to claim 1, wherein:

the parameter operator further indicates, when assigning an effect to sound, a value of an effect quantity characteristic parameter to determine an acoustic characteristic obtained by a level of the effect to be assigned; and

the image display further displays image data in which the level of the effect assigned to sound is imaged corresponding to the value indicated for the effect quantity characteristic parameter.

6. (Original) An audio system according to claim 5, wherein the image display stores a shade corresponding to each value of the effect quantity characteristic parameter and sets the shade of the image data to a shade corresponding to the value indicated for the effect quantity characteristic parameter.

7. (Original) An audio system according to claim 1, wherein the image display and the operator display include an information processing terminal including a display.

8. (Currently Amended) An audio system control method for an audio system operable to change an acoustic effect using a digital signal processor, said method comprising:

an image display step of displaying, on an image display, image data beforehand set respectively to a plurality of types of parameters input to the digital signal processor to

determine acoustic characteristics and the values of the parameters, corresponding to the values of the parameters; and

an operator display step of displaying on an operator display, for each of the parameter types, a parameter operator on an operator display to indicate a value of a parameter reflecting a distance characteristic parameter to determine an acoustic characteristic obtained by a distance between a listener and a sound source, the operator display comprising a parameter area, which displays a name of the parameter as one or more characters, and a parameter operator area, through which a value of the parameter is set,

wherein the value of the parameter is capable of being designated through the operator display, and wherein the image display variably displays image data depending on the value of the parameter reflecting the distance characteristic parameter designated through the operator display.

9. (Original) An audio system control method according to claim 8, wherein the image display step includes

reading out image data corresponding to the value of the parameter indicated by the parameter operator and

displaying an image according to the image data.

10. (Previously Presented) An audio system control method according to claim 8, wherein:

the parameter operator displayed at the operator display step further indicates a value of a room characteristic parameter to determine an acoustic characteristic concerning a size of a listening room; and

the image display step further displays image data in which the size of the room is imaged corresponding to the value of the room characteristic parameter.

11. (Cancelled)

12. (Previously Presented) An audio system control method according to claim 8, wherein:

the parameter operator displayed at the operator display step further indicates, when assigning an effect to sound, a value of an effect quantity characteristic parameter to determine an acoustic characteristic concerning a level of the effect to be assigned; and

the image display step further displays image data in which the level of the effect assigned to sound is imaged corresponding to the value of the effect quantity characteristic parameter.

13. (Original) An audio system control method according to claim 12, wherein the image display step sets the shade of the image data to a shade corresponding to the value indicated for the effect quantity characteristic parameter.

14. (Currently Amended) A recording media for recording an audio system control program for controlling an audio system operable to change an acoustic effect using a digital signal processor, wherein

the program displays, on an image display, image data beforehand set respectively to a plurality of types of parameters input to the digital signal processor to determine acoustic characteristics and the values of the parameters, corresponding to the values of the parameters and

the program displays on an operator display, for each of the parameter types, a parameter operator on an operator display to indicate a value of a parameter reflecting a distance characteristic parameter to determine an acoustic characteristic obtained by a distance between a listener and a sound source, the operator display comprising a parameter area,

which displays a name of the parameter as one or more characters, and a parameter operator area, through which a value of the parameter is set,

wherein the value of the parameter is capable of being designated through the operator display, and wherein the image display variably displays image data depending on the value of the parameter reflecting the distance characteristic parameter designated through the operator display.

15. (Original) A recording media for recording an audio system control program according to claim 14, wherein

when displaying the image, the control program reads out image data corresponding to the value of the parameter indicated by the parameter operator and displays an image according to the image data.

16. (Previously Presented) A recording media for recording an audio system control program according to claim 14, wherein

the parameter operator further indicates a value of a room characteristic parameter to determine an acoustic characteristic obtained by a size of a listening room; and

when displaying the image, the program further displays image data in which the size of the room is imaged corresponding to the value indicated for the room characteristic parameter.

17. (Cancelled)

18. (Previously Presented) A recording media for recording an audio system control program according to claim 14, wherein

the parameter operator indicates, when assigning an effect to sound, a value of an effect quantity characteristic parameter to determine an acoustic characteristic obtained by a level of the effect to be assigned;

and

when displaying the image, the control program displays image data in which the level of the effect assigned to sound is imaged corresponding to the value indicated for the effect quantity characteristic parameter.

19. (Original) A recording media for an audio system control program according to claim 18, wherein

when displaying the image, the control program sets the shade of the image data to a shade corresponding to the value indicated for the effect quantity characteristic parameter.

20. (Currently Amended) A method of controlling an audio system operable to change an acoustic effect using a digital signal processor, comprising the steps of:

showing, on an operator display, at least a first image of a parameter among a plurality of types of parameters input to the digital signal processor to determine acoustic characteristics and a second image of an object, the operator display comprising a parameter area, which displays a name of the parameter as one or more characters, and a parameter operator area, through which a value of the parameter is set;

varying a value of the parameter by operating the first image; and

varying in size of the second image of the object in response to the operation of the first image, wherein the parameter is indicative of a distance between the object and a listener.

21. (Previously Presented) A method according to claim 20, wherein the second image of the object is an image of a sound source.

22. (Previously Presented) A method according to claim 21, wherein the sound source is a musical instrument.

23. (Previously Presented) A method according to claim 22, wherein the musical instrument is a piano.

24. (Currently Amended) An audio system operable to change an acoustic effect using a digital signal processor, comprising:

a display for displaying, on an operator display, at least a first image of a parameter among a plurality of types of parameters input to the digital signal processor to determine acoustic characteristics and a second image of an object, the operator display comprising a parameter area, which displays a name of the parameter as one or more characters, and a parameter operator area, through which a value of the parameter is set;

a setting device which sets a value of the parameter by operating the first image; and
a controller which visually controls a size of the second image of the object corresponding to the value of the parameter, wherein the parameter is indicative of a distance between the object and a listener.

25. (Previously Presented) An audio system according to claim 24, wherein the second image of the object is an image of a sound source.

26. (Previously Presented) An audio system according to claim 25, wherein the sound source is a musical instrument.

27. (Previously Presented) An audio system according to claim 26, wherein the musical instrument is a piano.

28. (Currently Amended) An audio system operable to change an acoustic effect using a digital signal processor, comprising:

a computer for displaying, on an operator display, at least a first image of a parameter among a plurality of types of parameters input to the digital signal processor to determine acoustic characteristics and a second image of an object, a value of the parameter being set by operating the first image, and a size of the second image of the object being changed depending on the value of the parameter, the operator display comprising a parameter area, which displays a name of the parameter as one or more characters, and a parameter operator area, through which a value of the parameter is set; and

a receiver receiving the value of the parameter set by the computer and executing acoustic processing according to the value of the parameter, wherein the parameter is indicative of a distance between the object and a listener.

29. (Previously Presented) An audio system according to claim 28, wherein the second image of the object is an image of a sound source.

30. (Previously Presented) An audio system according to claim 29, wherein the sound source is a musical instrument.

31. (Previously Presented) An audio system according to claim 30, wherein the musical instrument is a piano.